

PATENT ABSTRACTS OF JAPAN

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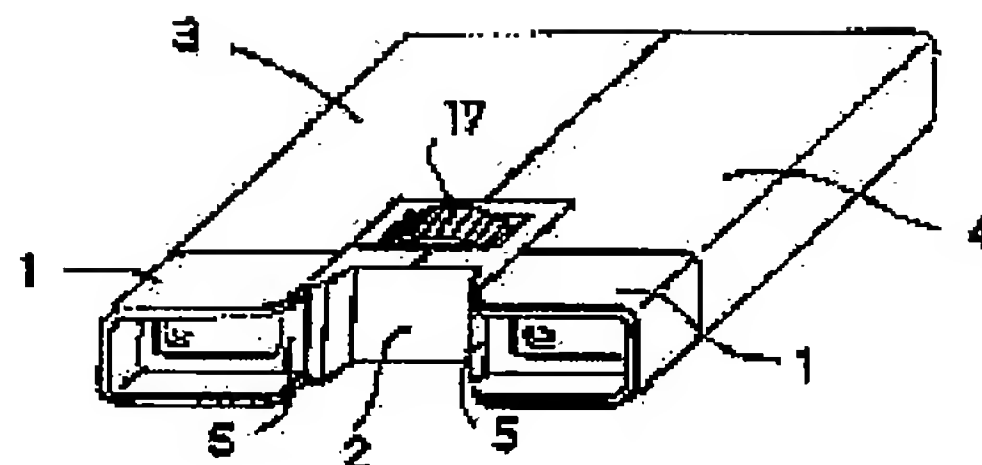
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(54) BINOCULARS AND EYE PAD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To constitute an eye pad capable of adjusting the position of a pupil while securing flat design with little ruggedness in binoculars having a horizontal sliding type pupil distance adjusting mechanism.

SOLUTION: In the binoculars having the horizontal sliding type pupil distance adjusting mechanism and the right and left independent eye pads 1; the eye pads 1 are elastic members and have notched parts 5 constituted by notching the surfaces of the right and the left eye pads which are opposed to each other from their ends, whereby they are freely bent and at least two eye pad positions are secured at a position where they are bent and a position where they are not bent. Thus, the position of the pupil can be adjusted according as a user wears spectacles or not.



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[Preferred example embodiments]

Example embodiments of the present invention will be detailed below according to accompanying diagrams. Fig. 1 shows a binoculars of a first example embodiment having a barrel adjustment mechanism sliding horizontally right and left bodies 3 and 4 of binoculars, and independent eye cups 1 for an independent right and left. Fig. 2 shows a state that bodies 3 and 4 are being slid. In the present example embodiment, eye cups 1 are formed of an elastic member, and can be freely folded.

[0010]

That is, according to the present example embodiment, eye cups 1 are formed of the elastic member, and as shown in Fig. 1, the eye cups have notch member 5 formed by cutting off opposing surfaces of the right and left eye cups from a rear end of an end portion, so that the eye cups can be readily folded back forward as shown in Fig. 3. Thus, when the eyeglasses are not worn, the binoculars is used in a state shown in Fig. 1 or 2, and when the eyeglasses are worn, the binoculars is used in the state shown in Fig. 3, so that the pupil position of the user can be fixed by aligning the pupil position of the user with an eye point of the binoculars regardless of the eyeglasses.